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Ŀ	li	AR	3	Aladjem, M.I. Exchange Pro Microbiology	ducts in Mam	ive Selection of FLP-Mee malian Cells," <i>Mol. Cell.</i> 97)	Biol. 17:85	7-861, Amer	rican Society fo
		AS	3	Albert, H., et placed in the	al., "Site-spec	cific Integration of DNA, "Plant J. 7:649-659, Bl	into wild-ty ackwell Sci	pe and muta ence Ltd. (19	nt <i>lox</i> sites 995)
		AT	3	Andrews, B.J. with Its Targ	., et al., "The et Sequences,	FLP Recombinase of the "Cell 40:795-803, Cell P	1035 (1705)		
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-/		<u>/~</u>				conformance with MPEP 609. Dra	w line through	itation if not in c	onformance and not

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AMINEF ITIAL			DOCUI	MENT NUMBER	Division 1	NAME	CLASS	SOB-CLASS_	06/07/1995
1		AA4	5,710	,248		Grose			03/02/1995
		AB4	5,723	,765	03/03/1998	Oliver et al.			
		AC4	5,728	3,551	03/17/1998	Devine et al.			02/01/1996
		AD4	5,733	3,733	03/31/1998	Auerbach			06/10/1996
		AE4	5,733	3,743	03/31/1998	Johnson et al.			03/08/1996
		AF4	 _	4,336	04/28/1998	Hodges et al.	_		02/13/1985
		AG4	 	6,891	06/16/1998	Shuman			12/19/1994
		 	┼ ∸	6,449	07/07/1998	Baum et al.			09/20/1996
		AH4			09/01/1998	McVey et al.			09/01/1995
	<u> </u>	Al4		1,030		Scott et al.			03/03/1995
		AJ4	5,81	4,300	09/29/1998			 	06/05/1995
		AK4	5,83	0,707	11/03/1998	Bushman		J	100.00
					FOREIGN PA	TENT DOCUMENTS		SUB-CLASS	TRANSLATIO
EXAMIN NITIAL	ER		DOC	UMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Ye
	\sim	AL4	wc	94/03624	02/17/1994	WIPO			N Ye
- f	\top	AM4	wo	94/09127	04/28/1994	WIPO			N Y
	+-	AN4	wo	94/17176	08/04/1994	WIPO			N Y
	-	A04	wo	94/18333	08/18/1994	WIPO			<u> </u>
				0 95/00555	01/05/1995	WIPO			Y
	<u> </u>	AP4	Two	OTHER (In		r, Title, Date, Pertinent I	ages, etc.)		
P	11	AR	4	Angelastro, J serial analysis 10429, Nation	with Mutated icrobiology (1 M., et al., "Ide s of gene exprenal Academy of	entification of diverse no ession (SAGE) profiling of Sciences (September 2	erve growth f	actor-regula	ted genes by USA 97:10424
-		АТ	4	vector strateg	o., et al., "Indu sy for stable ex ersity Press (Ju	cible expression based of column cultured celuly 1998)	is, waci. no.		
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		1416	arch 4, 2004	1050		
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	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA5	5,837,242	11/17/1998	Holliger et al.			05/14/1996
AB5	5,837,458	11/17/1998	Minshull et al.			05/20/1996
AC5		12/01/1998	Devine et al.			11/18/1994
 		12/22/1998	Elledge et al.			02/28/1997
 		01/12/1999	Winter et al.			06/07/1995
	 	02/16/1999	Winter et al.			03/31/1994
			Szybalski			11/21/1997
						06/07/1996
ļ						04/17/1998
 	<u> </u>					06/07/1995
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AK5	5,928,914					<u>_ </u>
	DOCUMENT NUMBE		COUNTRY	CLASS	SUB-CLASS	TRANSLATIO
A1.5			WIPO			N
		06/27/1996	WIPO			Ye
		10/03/1996	WIPO			Y
						Y
						Y
AP5	OTHER (ges, etc.)		
AR	Anton, M., a	nd Graham, F.L	., "Site-Specific Recombin	nation Med	Ifort for Cor	
AS	Araki, H., e Biol. 225:25	t al., "Site-speci	fic Recombinase, R, Enco Press, Inc., New York, NY	ded by Yea 7 (1992)	st Plasmid _l	oSR1," <i>J. Mol</i> .
AT				rican Socie	y for Micro	biology (1989
	1 1					
	ABS ACS ADS AES AFS AGS AHS AJS AKS ANS ANS ANS ANS ANS ANS ARS	AB5 5,837,458 AC5 5,843,772 AD5 5,851,808 AE5 5,858,657 AF5 5,871,907 AG5 5,874,259 AH5 5,888,732 AI5 5,916,804 AJ5 5,919,676 AK5 5,928,914 DOCUMENT NUMBE ALS WO 96/04393 AM5 WO 96/19497 AN5 WO 96/30498 AO5 WO 96/40722 AP5 WO 96/40724 OTHER (I	AAS 5,837,242 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1998 11/17/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/1999 11/12/19/1996 11/12/19/19/19/19/19/19/19/19/19/19/19/19/19/	AA5 5,837,242 11/17/1998 Holliger et al. AB5 5,837,458 11/17/1998 Minshull et al. AC5 5,843,772 12/01/1998 Devine et al. AD5 5,851,808 12/22/1998 Elledge et al. AE5 5,858,657 01/12/1999 Winter et al. AF5 5,871,907 02/16/1999 Winter et al. AG5 5,874,259 02/23/1999 Szybalski AH5 5,888,732 03/30/1999 Hartley et al. AI5 5,916,804 06/29/1999 Bushman AI5 5,916,804 07/06/1999 Graham et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY AL5 WO 96/04393 02/19/1996 WIPO AM5 WO 96/19497 06/27/1996 WIPO AN5 WO 96/30498 10/03/1996 WIPO AN5 WO 96/40722 12/19/1996 WIPO AP5 WO 96/40724 12/19/1996 WIPO AR 2 Anton, M., and Graham, F.L., "Site-Specific Recombinase Protein: a Mc Expression," J. Virol. 69:4600-4606, American Societ AS 2 Araki, H., et al., "Site-specific Recombinase Protein: a Mc Expression," J. Virol. 69:4600-4606, American Societ AS 4 Astumian, J.H., et al., "Site-specific Recombinase, R, Enco	DOCUMENT NUMBER DATE NAME CLASS	DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS

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ITIAL	AA6	5,929			Hodges et al.			12/20/1996
a	AB6	5,962		10/05/1999	Griffiths et al.			12/05/1994
	AC6	5,981		11/09/1999	Demirjian et al.			01/25/1995
	AD6	-	9,872	11/22/1999	Luo et al.			08/12/1997
	AE6	1),884	01/04/2000	Griffiths et al.			05/29/1996
	AF6	 	0,430	03/21/2000	Stewart -			12/26/1995
	AG6	 	6,778	05/23/2000	Ginsburg, et al.			11/06/1996
	AH6			06/16/2000	McVey et al.			02/25/1998
<u> </u>	A16		0,576	06/27/2000	Zambrowicz, et al.			04/08/1998
	AJ6	$+\dot{-}$	3,557	11/07/2000	Hartley et al.			01/20/1999
	AK6		1,861	01/09/2001	Hartley et al.			01/12/1998
				OREIGN PA	TENT DOCUMENTS			
XAMINER	٠,	DOC	UMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATIO
NITIAL	AL6		97/06265	02/20/1997	WIPO			Ye N
11	AM6	wc	97/09436	03/13/1997	WIPO			Ye N
	AN6	wc	97/25446	07/17/1997	WIPO	·		Y
	A06	wc	97/32481	09/12/1997	WIPO			Y
	AP6	WC	98/10086	03/12/1998	WIPO			Y
el			OTHER (Inc	luding Author	r, Title, Date, Pertinent Pag	es, etc.)		
f	AR	<u>6</u>	attachment site	of Escherich	e method for integration o ia coli," Gene 107:11-17,	Elsevier Sc	ience (1991)	
	AS	<u>6</u>	Ausubel, F.M., Molecular Bion (1995)	, et al., "Maps logy, Third Ed	of Plasmids pBR322 and dition, John Wiley & Sons	pUC19," ir , Inc., Bosto	n Short Prote on, MA, pp.	ocols in 1.12-1.13
	AT	<u>6</u>	Evoision (VE)	(1) The trfA Go	Deletions in Large Bacteriene of Promiscuous Plasmits," <i>J. Mol. Biol. 230</i> :174-	id RK2 is B 185, Acade	mic Press (1	993)
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		_			nformance with MPEP 609. Draw li			

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XAMINER	т		U.S. PATEN	T DOCUMENTS		T	<u> </u>
NITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
N	AA7	6,225,121	05/01/2001	Savakis, C. et al.			04/27/1998
	AB7	6,262,341	07/17/2001	Baszczynski et al.			11/17/1998
	AC7	6,270,969	08/07/2001	Hartley et al.			01/20/1999
	AD7	6,271,436	08/07/2001	Piedrahita et al.			10/10/1997
	AE7	6,277,608	08/21/2001	Hartley et al.			04/22/1999
	AF7	2002/0007051	01/17/2002	Cheo et al.			12/11/2000
	AG7	6,361,972	03/26/2002	Harrington et al.			01/10/2000
	AH7	6,365,377	04/02/2002	Patten et al			03/03/2000
	AI7	2002/0068290	06/06/2002	Yarovinsky			05/31/2001
	AJ7	6,410,266	06/25/2002	Harrington et al.			01/07/2000
	AK7	6,410,317	06/25/2002	Farmer			07/14/2000
		F	OREIGN PA	TENT DOCUMENTS			
EXAMINER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATIO
NITIAL	AL7	WO 98/53056	11/26/1998				X N
1	AM7	WO 99/10488	03/04/1999	WIPO			Ye
	AN7	WO 99/21977	05/06/1999	WIPO			Ye
-1	A07	WO 99/25851	05/27/1999	WIPO			X N
	AP7	WO 99/55851	11/04/1999	WIPO			Yo N
		OTHER (Inc	luding Author	, Title, Date, Pertinent Pag	es, etc.)		
4	AR	260:12313-123	91, American	P Protein of the 2-micron Society for Biochemistry Synchronous Site-Specific	and Molect	ılar Biology	, Inc. (1985)
	AS	Gene Expression Bai, C., et al.,	on," BioTechn "SKP1 Connec	cts Cell Cycle Regulators C-Box," Cell 86:263-274, C	to the Ubiq	uitin Proteol	
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EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
1/	AA8	200	2/0094574	07/18/2002	Hartley et al.			05/16/2001
	AB8	200	2/0106797	08/08/2002	Miles et al.			03/12/2001
	AC8	6,4	36,707	08/20/2002	Zambrowicz et al.			03/25/1999
	AD8	200	2/0172997	11/21/2002	Hartley et al.			07/19/2001
	AE8	200	2/0182731	12/05/2002	Ji et al.			01/25/2002
	AF8	200	2/0192819	12/19/2002	Hartley et al.			07/19/2001
	AG8	200	3/0027289	02/06/2003	Farmer			04/05/2002
	AH8	200	3/0027337	02/06/2003	Droge et al.		_	02/25/2002
	AI8	200	3/0054552	03/20/2003	Hartley et al.			01/30/2002
	AJ8	200	3/0054555	03/20/2003	Farmer et al.			09/17/2002
	AK8	200	3/0059900	03/27/2003	Farmer			01/17/2002
			F	OREIGN PA	TENT DOCUMENTS			
EXAMINER INITIAL		DOG	CUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
10	AL8	WO 00/12687		03/09/2000	WIPO			Yes No
	AM8	EP 1 035 208		09/13/2000	Europe			Yes No
	AN8	w	O 00/60091	10/12/2000	WIPO		·	Yes No
	AO8	w	O 01/05961	01/25/2001	WIPO			Yes No
	AP8	w	O 01/07572	02/01/2001	WIPO		Θ	Yes No
**			OTHER (Incl	uding Author	, Title, Date, Pertinent Pages,	etc.)		
h	AR	8		l rearrangeme	ene cassette for adapting $Esc.$ nt and p_L expression vectors,			
	AS	<u>8</u>	Ball, C.A., and Johnson, R.C., "Efficient Excision of Phage λ from the Escherichia coli Chromosome Requires the Fis Protein," J. Bacteriol. 173: 4027-4031, American Society for Microbiology (July 1991)					
	АТ	<u>8</u>	Barnes, G., and Rine, J., "Regulated expression of endonuclease EcoRI in Saccharomyces cerevisiae: Nuclear entry and biological consequences," Proc. Natl. Acad. Sci. USA 82: 1354-1358, National Academy of Sciences (1985)					
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1	AA9	2003/0064515	04/03/2003	Hartley et al.			01/30/2002
	AB9	2003/0068799	04/10/2003	Hartley et al.			06/06/2002
	AC9	2003/0077804	04/24/2003	Byrd et al.			04/19/2002
	AD9	2003/0100110	05/29/2003	Hartley et al.			11/02/1999
	AE9	2003/0124555	07/03/2003	Brasch et al.			05/21/2002
	AF9	2003/0153055	08/14/2003	Miles et al.			02/20/2003
	AG9	2003/0157662	08/21/2003	Gerard et al.			11/13/2002
	АН9	2003/0157716	08/21/2003	Hartley et al.			11/02/2001
	AI9	2003/0175970	09/18/2003	Hartley et al.			11/21/2002
	АЈ9	2003/0176644	09/18/2003	Byrd et al.			02/07/2002
	AK9	2003/0186233	10/02/2003	Chesnut et al.			12/07/2001
		F	OREIGN PAT	TENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL9	WO 01/11058	02/15/2001	WIPO			Yes No
1	АМ9	WO 01/31039	05/03/2001	WIPO			Yes No
	AN9	WO 01/62892	08/30/2001	WIPO			Yes No
	AO9	WO 02/00875	01/03/2002	WIPO			Yes No
	AP9	WO 02/05294	01/17/2002	WIPO			Yes No
		OTHER (Inc	luding Author	, Title, Date, Pertinent Pages,	etc.)		
M	AR			Sequence Homology Requirements of the Sequence Homology Reputation of the Sequence Homology Requirements of the Sequence Homology Reputation of the Sequence Homology Repu			
	AS	Bayley, C.C., et al., "Exchange of gene activity in transgenic plants catalyzed by the Cre-lox site specific recombination system," Plant Mol. Biol. 18:353-361, Dordrecht Kluwer Academic (1992)					
	Bernard, P., and Couturier, M., "Cell Killing by the F plasmid Ccdb Protein Involves Poisoning of DNA-topoisomerase II Complexes," J. Mol. Biol. 226:735-745, Academic Press, Inc. (1992)						
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NITIAL		DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
1/	AA10	2003	/0220249	11/27/2003	Hackett et al.			02/07/2003
	AB10	2004	/0040053	02/26/2004	Nomura et al.			11/22/2002
	AC10	2004	/0053412	03/18/2004	Hartley et al.			03/26/2003
	AD10	2004	/0063207	04/01/2004	Hartley et al.			10/08/2003
	AE10	6,720	0,140	04/13/2004	Hartley et al.			02/04/2000
	AF10	2004	/0171156	09/02/2004	Hartley et al.			04/02/2004
	AG10	2004	/0171157	09/02/2004	Hartley et al.			04/08/2004
	AH10	2004	1/0219516	11/04/2004	Bennett et al.			07/18/2003
	AI10	2004	1/0219673	11/04/2004	Hartley et al.			03/10/2004
	AJ10	2004	1/0229229	11/18/2004	Cheo et al.			08/14/2003
	AK10	2004	1/0253631	12/16/2004	Hartley et al.			07/19/2004
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M.	AL10	wo	02/08391	01/31/2002	WIPO			Y
-2	AM10	wo	02/16594	02/28/2002	WIPO			Y
	AN10	wo	02/061034	08/08/2002	WIPO			Y
	AO10	wo	03/025161	03/27/2003	WIPO			Y
	AP10	wo	03/103600	12/18/2003	WIPO			Y
		<u> </u>	OTHER (Inc	luding Author	r, Title, Date, Pertinent Pa	iges, etc.)		
M	AR		Bernard, P., "P. Eaton Publishin		ion of Recombinant DNA 1996)	A by CcdB,"	BioTechniqu 	es 21:320-32
	AS	10	Bernard, P. et of Cleavage by G	nl., "The F Pla yrase," <i>J. Mol</i>	nsmid CcdB Protein Induction Inducti	ces Efficient demic Press,	ATP-depend Inc. (1993)	lent DNA
	АТ	10	Bernard, P., et 148: 71-74, Els	al., "Positive sevier Science	selection of vectors using (1994)	g the F plasm	nid <i>ccd</i> B kill	er gene," <i>Gei</i>
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1	AAII	200	4/0265863	12/30/2004	Chesnut et al.			03/04/2004
1	AB11	200	5/0009091	01/13/2005	Hartley et al.			08/19/2004
	AC							
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	AM							Yes No
	AN	1						Yes No
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	AP	<u> </u>						Yes No
			OTHER (Incl	uding Author	, Title, Date, Pertinent Pages,	etc.)		.d
1	AR	<u>11</u>	OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Bethke, B., and Sauer, B., "Segmental genomic replacement by Cre-mediated recombination: genotoxic stress activation of the p53 promoter in single-copy transformants," Nucl. Acids Res. 25:2828-2834, Oxford University Press (1997)					
	AS	11 .	Betz, U.A.K., et al., "Bypass of lethality with mosaic mice generated by Cre-loxP-mediated recombination," Curr. Biol. 6:1307-1316, Current Biology Ltd. (October 1996)					
	AT	<u>11</u>	Bhandari, P., and Gowrishankar, J., "An Escherichia coli host strain useful for efficient overproduction of cloned gene products with NaCl as the inducer," J. Bacteriol 179:4403-4406, American Society for Microbiology (July 1997)					
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	AL						ļ	No Yes
	AM		<u></u>					No Yes
	AN		·					No
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	ATTY. DOCKET NO.	APPLICATION NO.
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M	AR	<u>43</u>			anism of Strand Cle ystem," J. Mol. Biol.				
	AS	<u>43</u>			on of small circular ene 40:325-329, Else				te-specific
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	АТ	46	Institut Pasteur http://www.pas	Website, lateur.fr/rec	Figure 1: herche/unites/pmtg/i	nteg/fig1.html (a	acces	sed 6/19/20	03)
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P	AR	<u>51</u>	Kholodenko, B. Metabolite Cond Son (1998)	N., <i>et al</i> ., "M centrations ar	tetabolic Design: How to Eng and Fluxes," Biotechnol. Bioen	ineer a L gineer. 5	iving Cell to 9:239-247,	Desired John Wiley &
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FORM PTO-1449	0942.5340005/BJD/JKM	10/792,035
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	ATTY. DOCKET NO. 0942.5340005/BJD/JKM	APPLICATION NO. 10/792,035
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	AR	<u>94</u>	Schlake, T., and Bode, J., "Use of Mutated FLP Recognition Target (FRT) Sites for the Exchange of Expression Cassettes at Defined Chromosomal Loci," <i>Biochemistry 33</i> :12746-12751, American Chemical Society (November 1994)							
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1	AR	<u>96</u>	OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Senecoff, J.F., et al., "DNA Recognition by the FLP Recombinase of the Yeast 2 μ Plasmid - A Mutational Analysis of the FLP Binding Site," J. Mol. Biol. 201:405-421, Academic Press (1988)							
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A	AR	<u>98</u>	(August 21, 200	00) available	Cloning," The Scientist 1 e at: m/yr2000/aug/profile1_00		Scientist Inc	
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	AT	<u>98</u>	Skraly, F.A., et Environ. Micro	al., "Constr biol. 64:98-	ruction and Characterizati 105, American Society fo	ion of a 1,3-Pro or Microbiolog	opanediol O y (1998)	peron," Appl.
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	AS	100	Stark, W. M., et in the Forward	t al., "Site-sp and Reverse	ecific Recombination by TN3 Reactions," Cell 58:779-790,	Resolva Cell Pres	se: Topolog ss (1989)	ical Changes
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	ATTY. DOCKET NO.	APPLICATION NO.
FORM PTO-1449	0942.5340005/BJD/JKM	10/792,035
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	AR	116	U.S. Patent App (NOT PUBLIS	olication Ne	o. 10/877,952, Welch <i>et</i>	al., filed July 2	8 , 2004				
	AS	116		U.S. Patent Application No. 10/913,501, Chesnut et al., filed August 9, 2004 (NOT PUBLISHED)							
	AT	116	U.S. Patent App (NOT PUBLIS)	olication No HED)	5. 10/970,6 35,-Hanson,-	filed October 2:	2 , 200 4				
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	AR	117		U.S. Patent Application No. 11/000,371, Chesnut et al., filed December 1, 2004 (NOT PUBLISHED)						
M	AS	117		Dialog File 351, Derwent World Patent Index, Unverified English Language Abstract for PCT Patent No. WO 98/53056 (Document AL7), WPI Accession No. 12194396						
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h	AS	118	available at: http://invitroger	Invitrogen Online Catalog, "The Echo TM Cloning System: The Future of Cloning is Here," available at: http://invitrogen.com/content.cfm?pageid=3371&cfid=16767784&cftoken=62396683 (accessed July 7, 2004)						
	AT	118	Office Action f	or U.S. Pater	nt Application No. 09/907,7	19, mailed	on July 13,	2004		
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	AR	119	Office Action f	or U.S. Pater	nt Application No. 09/4	432,085, mailed	on July 16,	2004
	AS	119	Office Action f	or U.S. Pater	nt Application No. 10/	0 58,291, mailed	on Septem b	er 22, 2004
	AT	119	Office Action 1	or U.S. Pater	nt Application No. 10/			er 22, 2004
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	AR	120	Office Action for	or U.S. Pater	nt Application No. 09/855,797	, mailed	on October	1, 2004
	AS	120	Office Action f	or U.S. Pater	nt Application No. 09/695,065	i, mailed	on October	27, 2004
	AT	120	Office Action f	or U.S. Pater	nt Application No. 10/820,132			
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	AR	121	Office Action for	or U.S. Pate	ent Application No. 09/907,719	O mailed (on December	r 28, 2004
	AS	121	Office Action f	or U.S. Pate	ent Application No. 09/432,085	5 , mailed	on Decembe	er 28, 2004
	AT	121	Office Action f	or U.S. Pati	ent Application No. 10/796,860	8, mailed	on January 2	25,-2005—
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0942.5340005/BJD/JKM 10/792,035 **APPLICANTS** Chesnut et al. FILING DATE ART UNIT

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N.	AA20	5,45	51,513	09/19/1995	Maliga et al.			08/25/1993	
	AB20	5,96	55,408	10/12/1999	Short			07/09/1996	
	AC20	6,04	10,138	03/21/2000	Lockhart et al.			09/15/1995	
	AD20	6,17	71,820	01/09/2001	Short			02/04/1999	
	AE20	6,23	38,884	05/29/2001	Short et al.			03/09/1999	
	AF20	6,30	03,301	10/16/2001	Mack .			05/29/1998	
	AG20	6,30	09,822	10/30/2001	Fodor et al.			12/23/1996	
	AH20	6,33	33,155	12/25/2001	Lockhart et al.			12/18/1998	
	AI20	6,3	52,842	03/05/2002	Short et al.			03/26/1999	
	AJ20	6,3	58,709	03/19/2002	Short et al.			03/09/2000	
	AK20	6,3	61,974	03/26/2002	Short et al.			03/27/2000	
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n	AL20	FR	2 670 502	06/19/1992	France			Yes X No	
.	AM20	wo	92/10577	06/25/1992	WIPO			Yes X No	
	AN20	wo	94/20604	09/15/1994	WIPO			Yes No	
	AO20	wo	00/29000	05/25/2000	WIPO			Yes No	
	AP20	wo	00/52027	09/08/2000	WIPO			Yes No	
			OTHER (Inc	luding Author	r, Title, Date, Pertinent Page	s, etc.)			
	AR	200	Recombinase P	rovokes Card ," <i>J. Clin. In</i> 1	mbination in Postmitotic Celiac-restricted, Site-specific vest. 100:169-179, The Amer)	Rearrange	ment in Adu	ılt Ventricular	
	AS	200	Benoist, C. and Chambon, P., "In vivo sequence requirements of the SV40 early promoter region," Nature 290:304-310, Macmillan Journals, Ltd. (1981)						
	АТ	200	Botstein, D., et Gene to Protein New York, NY	n: Translation	Mutations <u>In Vitro</u> and Put in into Biotechnology, Ahma (1982)	ting Them d, F., et al	Back Into \ ., eds., Acad	Yeast," in From	
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Page 2 of 15 ATTY, DOCKET NO. APPLICATION NO. 0942.5340005/BJD/JKM 10/792,035 **FORM PTO-1449 APPLICANTS** Chesnut et al. FIRST SUPPLEMENTAL FILING DATE ART UNIT INFORMATION DISCLOSURE STATEMENT 1636 March 4, 2004 **U.S. PATENT DOCUMENTS** EXAMINER FILING DATE CLASS SUB-CLASS DOCUMENT NUMBER DATE NAME INITIAL 05/15/2000 AA21 6,455,254 09/24/2002 Short 05/24/2001 Beach et al. AB21 2002/0162126 10/31/2002 01/31/2000 11/12/2002 Short AC21 6,479,258 10/31/1997 12/03/2002 Short AD21 6,489,145 Short 06/14/1999 03/25/2003 6,537,776 AE21 09/18/2000 AF21 6,544,790 04/08/2003 Sabatini 09/26/2002 Zhu et al. AG21 2003/0135888 07/17/2003 06/14/2000 Short 6,605,449 08/12/2003 AH21 12/26/2002 2003/0175772 09/18/2003 Wang AI21 11/15/2000 10/14/2003 | Short 6,632,600 AJ21 03/01/2002 03/23/2004 Short AK21 6,709,841 FOREIGN PATENT DOCUMENTS **EXAMINER** SUB-CLASS TRANSLATION COUNTRY DATE DOCUMENT NUMBER INITIAL Yes **WIPO** WO 00/52141 09/08/2000 AL21 No Yes WIPO WO 01/25466 04/12/2001 AM21 No Yes 06/14/2001 | WIPO AN21 WO 01/42509 No Yes 09/20/2001 | WIPO WO 01/68836 AO21 No Yes 06/13/2002 | WIPO WO 02/46372 AP21 No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Broach, J.R., "The Yeast Plasmid 2µ Circle," Cell 28:203-204, MIT (1982) AR 201 Cenatiempo, Y., "Prokaryotic gene expression in vitro: transcription-translation coupled AS 201 systems," Biochimie 68:505-515, Elsevier (1986) Christiansen, B., et al., "A Resolvase-Like Protein Is Required for the Site-Specific Integration of the Temperate Lactococcal Bacteriophage TP901-1," J. Bacteriol. 178:5164-ΑT 201 5173, American Society for Microbiology (September 1996) DATE CONSIDERED EXAMINER 10/6/05 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

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N	AA22	6,713	3,279	03/30/2004	Short			02/04/2000	
	AB22	6,713	3,282	03/30/2004	Short et al.			03/14/2002	
	AC22	6,740	0,506	05/25/2004	Short et al.			06/19/2001	
	AD22	6,77	3,900	08/10/2004	Short et al.			03/05/2003	
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-	AM22	wo	02/086144	10/31/2002	2 WIPO			Yes No	
	AN22	wo	02/095055	11/28/2002	2 WIPO			Yes No	
	AO22	wo	03/044207	05/30/2003	3 WIPO			Yes No	
	AP22	wo	04/009768	01/29/2004	4 WIPO			Yes No	
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	AS	Ferrin, L.J. and Camerini-Otero, R.D., "Sequence-specific ligation of DNA using RecA protein," <i>Proc. Natl. Acad. Sci. USA 95</i> :2152-2157, National Academy of Sciences (Marc 1998)							
	АТ	202	Golic, K.G. and Golic, M.M., "Engineering the Drosophilia Genome: Chromosome Rearrangements by Design," <i>Genetics</i> 144:1693-1711, The Genetics Society of America (1996)						
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	AR	203	Gottesman, S., 18:415-441, Ar	"Bacterial Rennual Reviews	gulation: Global Regulator s, Inc. (1984)	y Network	s," Ann. Rev	o. Genet.
	AS	203	Guo, F., et al., recombination	"Structure of synapse," Nat	Cre recombinase complexe ure 389:40-46, Nature Pub	ed with DN lishing Gr	IA in a site-s oup (Septerr	specific aber 1997)
	AT	203	cut-and-paste r	nechanisms to	"Transposition and site-sp a variety of genetic rearra e B.V. (September 1997)	ngements,	" FEMS Mic	dapting DNA crobiol. Rev.
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N	AR	<u>204</u>	Hamer, D.H. ar Induces the Tra Genet. 1:273-28	nscription	g, M., "Regulation <i>In Vivo</i> of a of a Mouse Metallothionein C Press (1982)	Cloned M Gene in SV	ammalian G 40 Vectors,	ene: Cadmium 'J. Mol. Appl.
	AS	204	domain structur	re and clas	T., "The eukaryotic protein kir ssification," <i>FASEB J. 9</i> :576-5 al Biology (May 1995)	nase superf 96, The Fe	family: kinas deration of a	e (catalytic) American
	AT	204	into a Bacterial	Chromos	evenient and Reversible Site-Spone by Use of the FLP Recommendation of the FLP Recommendation of the Property for Micro	ibinase: th	e FLIRT Sys	stem," <i>J</i> .
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1	AR	<u>205</u>	John, Jr., J.F. ar Negative Bacill 8:693-704, Univ	i: Experien	J.A., "Plasmids as Epiden ace at a University and Re Chicago (1986)	niologic Mar view of the	kers in Nosoco Literature," Re	omial Gram- v. Infect. Dis.
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	АТ	<u> 205</u> .	Kendall, K.J. and Cohen, S.N., "Plasmid Transfer in Streptomyces lividans: Identification of a kil-kor System Associated with the Transfer Region of pIJ101," J. Bacteriol. 169:4177-4183, American Society for Microbiology (1987)					
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